

LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Cancelled)
- 2.(Previously Presented) Method in accordance with claim 11, wherein the temperature of the air jet (26) is measured at a location spaced from the blower (20, 22).
- 3.(Previously Presented) Method in accordance with claim 11, wherein the air jet (26) is directed into the cabin (10) from the ceiling area (14).
- 4.(Currently Amended) Method in accordance with claim 11, wherein, as the temperature of the air jet (26) rises, ~~its~~ an angle (α) of the air jet with respect to the vertical (V) is made smaller.
- 5.(Previously Presented) Method in accordance with claim 11, wherein, as the temperature of the air jet (26) rises, its impulse is increased.
- 6.(Cancelled)

7.(Previously Presented) Device in accordance with claim 12, wherein the means (20) for altering the direction and/or the impulse of the air jet (26) have has a component (28) with a temperature- dependent form.

8.(Previously Presented) Device in accordance with claim 7, wherein the component (28) includes a shape memory alloy.

9.(Previously Presented) Device in accordance with claim 7, wherein the component (28) has a bi-metallic element.

10.(Previously Presented) Device in accordance with claim 12, wherein the means (28) for measuring the temperature are is positioned in such a way as to measure the temperature of the air jet (26) at a location spaced away from the means (20, 22) for generating and directing.

11.(Currently Amended) Method for air-conditioning of an aircraft cabins, comprising generating and directing at least one air jet (26) into the aircraft cabin (10), via at least one blower (20, 22); measuring the temperature of the air jet (26); and altering the direction and/or the impulse of the air jet depending upon the measured temperature, wherein the altering occurs via rotation of the blower (20, 22).

12.(Previously Presented) Device for air-conditioning an aircraft cabins (10) comprising means (20, 22) for generating and directing at least one air jet (26) into the aircraft cabin (10); means (28) for measuring the temperature of the at least one air jet (26); and a means (20) for altering the direction and/or the impulse of the air jet (26) dependent upon the measured air jet temperature, wherein the means (20) for altering is adapted to rotate the means for directing and generating to rotatably change the direction of the air jet (26).

13.(Previously Presented) Device in accordance with claim 12, further comprising a rotation device with which the means (20) for generating and directing the air jet (26) can be rotated about a horizontal axis, so as to vary the vertical angle of the air jet (26).

14.(Previously Presented) Device in accordance with claim 12, wherein the means (20) for altering the direction and/or the impulse of the air jet is adapted to make smaller the angle (α) of the air jet with respect to the vertical (V) as the temperature of the air jet (26) rises.

15.(Previously Presented) Device in accordance with claim 14, wherein the means (20) for altering the direction and/or the impulse of the air jet is adapted to set the angle within the range of from 10 to 30 degrees when the temperature of the air jet (26) is about 25 degrees Celsius.

16.(Previously Presented) Device in accordance with claim 14, wherein the means (20) for altering the direction and/or the impulse of the air jet is adapted to set the angle within the range of from 45 to 60 degrees when the temperature of the air jet (26) is about 15 degrees Celsius.

17.(Previously Presented) Device in accordance with claim 14, wherein the means (20) for altering the direction and/or the impulse of the air jet is adapted to set the angle within the range of from 75 to 90 degrees when the temperature of the air jet (26) is about 9 degrees Celsius.

18.(Currently Amended) Method in accordance with claim ~~40~~ 11, further comprises comprising a rotation device with which the means (20, 22) for generating and directing the air jet (26) can be rotated about a horizontal axis, so as to vary ~~the~~ a vertical angle of the air jet (26).

19.(Currently Amended) Method in accordance with claim ~~5~~ 4, wherein when the temperature of the air jet (26) is about 25 degrees Celsius, the angle is within the range of from 10 to 30 degrees.

20. (Currently Amended) Method in accordance with claim ~~5-4~~ 4, wherein as the temperature of the air jet (26) is about 15 degrees Celsius, the angle is within the range of from 45 to 60 degrees.

21.(Currently Amended) Method in accordance with claim ~~5~~ 4, wherein as the temperature of the air jet (26) is about 9 degrees Celsius, the angle is within the range of from 75 to 90 degrees.